	Application No.	Applicant(s)	
Notice of Allowability	10/812,036	SUNACHI ET AL.	
	Examiner	Art Unit	
	Sara W. Crane	2811	
The MAILING DATE of this communication appe		<u> </u>	
All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT R of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in this ap or other appropriate communication IGHTS. This application is subject t	plication. If not included n will be mailed in due cou	rse. THIS
1. X This communication is responsive to papers of 20 Novemb	<u>ber 2006</u> .		
2. ☑ The allowed claim(s) is/are <u>1 and 2</u> .			
3. Acknowledgment is made of a claim for foreign priority un a) All b) Some* c) None of the:			
1. Certified copies of the priority documents have been received.			
2. Certified copies of the priority documents have been received in Application No			
3. Copies of the certified copies of the priority documents have been received in this national stage application from the			
International Bureau (PCT Rule 17.2(a)). * Certified copies not received:			
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONN THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		complying with the require	ements
4. A SUBSTITUTE OATH OR DECLARATION must be subm INFORMAL PATENT APPLICATION (PTO-152) which give			ICE OF
5. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.			
(a) 🔲 including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached			
1) 🗌 hereto or 2) 🔲 to Paper No./Mail Date			
(b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date			
Identifying indicia such as the application number (see 37 CFR 1 each sheet. Replacement sheet(s) should be labeled as such in t			ck) of
6. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.			
Attachment(s)	- -		
1. Notice of References Cited (PTO-892)	5. Notice of Informal F	• •	
2. Notice of Draftperson's Patent Drawing Review (PTO-948)	6. ☐ Interview Summary Paper No./Mail Da		
3. Information Disclosure Statements (PTO/SB/08),	7. Examiner's Amendo		
Paper No./Mail Date 4. ☐ Examiner's Comment Regarding Requirement for Deposit	8. Examiner's Statement	ent of Reasons for Allowar	nce
of Biological Material	9.		

Application/Control Number: 10/812,036

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REASONS FOR ALLOWANCE

The following is an examiner's statement of reasons for allowance:

The prior art does not teach or suggest the structure set forth in the claims, including the structure obtained by preventing surface roughening in a peripheral portion of the electrode(s), as set forth in the claims. The prior art made of record shows prior art surface roughening processes (first two references), and structure arising from placing an electrode after a surface roughening process (third reference). Krames et al. shows in figure 7b to protect the edges of an electrode during ordered interface texturing. The Japanese reference shows an electrode on a pre-roughened surface. Note that Applicant's specification sets forth specific advantages associated with the protection of the side surface of the electrode during surface roughening (Table 1), and notes that this protection also avoids undesired etching around the electrode [0039], which contributes to the improved performance.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to S. Crane, whose telephone number is (571) 272-1652.

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The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Sara W. Crane
Primary Examiner

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